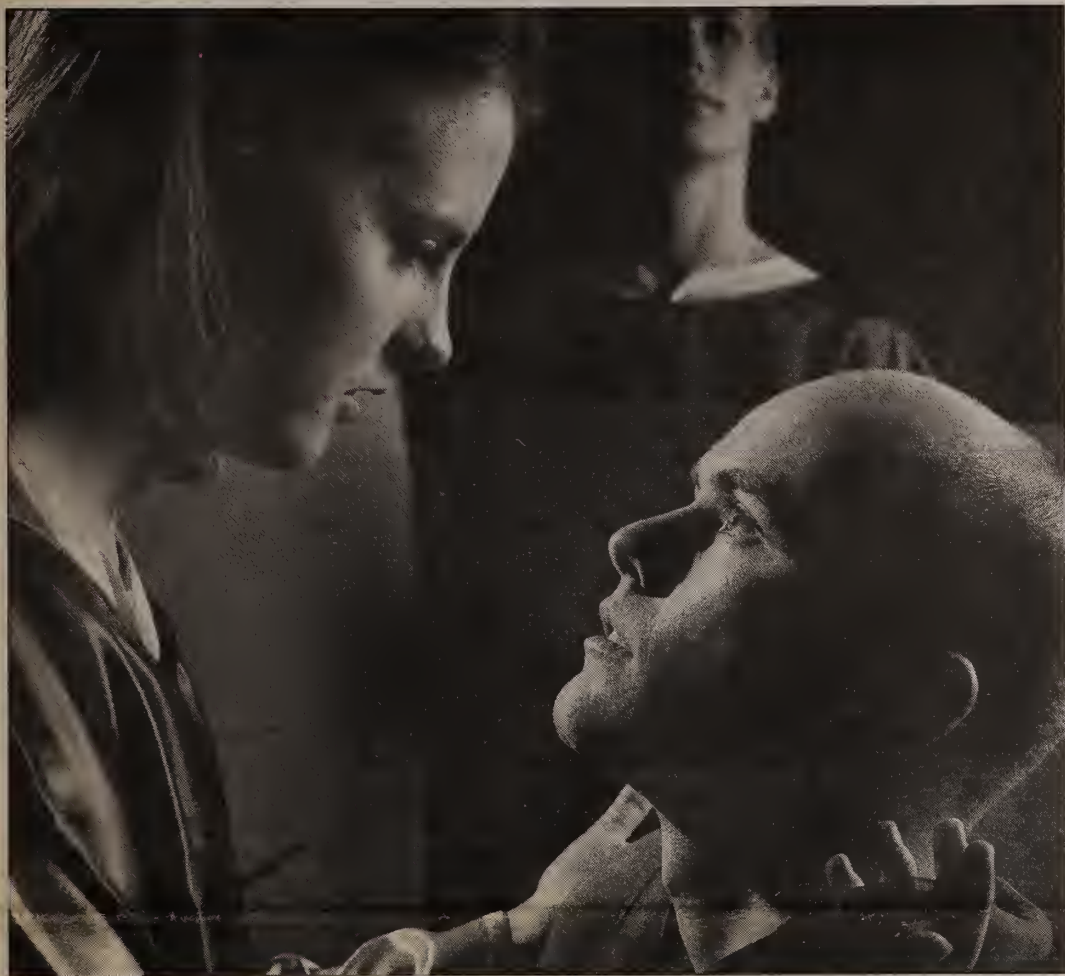


THE BULLETIN

JANUARY 19, 1998 ~ 51ST YEAR ~ NUMBER 11

AS AN ARROW SHOT



This year is turning into a bumper crop for Shakespeare at U of T. The Trinity College Dramatic Society's *Pericles, Prince of Tyre*, directed by Richard Martin, opens at Hart House Jan. 22. Pictured are Martha Flatt (left, as *Thaisa*), Andrew Wallace (*Pericles*) and Jeremy Hutton (background, *Knight*).

TAMING OF THE SHREW

U of T researcher discovers new species

BY MICHAH RYNOR

PROFESSOR JUSTINA RAY OF FORESTRY IS HAVING trouble getting into her laboratory.

That's because her lab is the outdoor jungles of some of the most politically unstable countries in Central Africa. Civil wars and falling governments just aren't conducive to tracking down her research subject: an elusive community of timid shrews.

"I'd like to go back to Africa at the end of the year but the countries that I've been working in are too dangerous at the moment," she says. The Democratic Republic of Congo is recovering from a civil war, while the other Congo underwent a military coup last year. The Central African Republic and Rwanda are also unstable.

Ray, a carnivore biologist by training, is fascinated with shrews because, despite their small size and retiring nature, they are a possible bellweather species for ecologies in decline. There are many species of the mouse-sized insectivores and they're all micro-habitat dependent — which usually means they exist in very small areas that must sustain them for their entire lives. Their well-being — or lack of — may indicate the environmental well-being of an entire area. As Ray puts it, a shrew is like a canary in a coal mine. When the canary dies, watch out.

Because shrews can be so difficult to track and capture, researchers like Ray often find they get their best

information from the "scats" or excrement of animals that eat the shrews. "It's actually a great way to find out which species live in an area," says Ray, "because carnivores are a better trap than any trap that I could set. Animals that seek out shrews (mongooses are especially good hunters) are moving over great areas and they're collecting and eating from a great diversity of shrew habitats. The predators, in effect, become movable traps."



Ray brought 1,200 scats back to U of T from the Central African Republic to be washed and sorted for traces of bones, teeth and other body parts that remained from the prey. "When I first started analysing these scats I noticed a huge preponderance of shrew remains but I needed help to figure out what species they were from," says Ray. "So in 1996 I wrote to Rainer Hutterer, head curator of mammals at the Museum Koenig in Germany, who is one of the world's leading experts on shrews and he dropped everything to look at my specimens. He became very excited when he discovered hundreds of individuals from 16 different species, one of which was entirely unknown to science."

Because Ray had found this mystery shrew she was entitled to name it. Today, it's known as *Sylvisorex konganensis* — after her African research camp, kongana.

~ See TAMING: Page 2 ~

UTSA to Vote on Steelworkers

BY JANE STIRLING

DESPITE SOME RAISED EYEBROWS and jokes about tattoos, there have been few negative comments about a proposed administrative staff union drive by the United Steelworkers of America (USWA), says Mel Martin, president of the U of T Staff Association.

"Some people have scratched their heads and some have had questions but there hasn't been any real opposition to the steelworkers' union," Martin said in an interview. "Most people have confidence in our decision." This month UTSA selected the steelworkers as the most suitable union to organize staff and apply for certification. At a staff association general meeting Feb. 3, members will be asked to endorse USWA.

"At first glance, the steelworkers and administrative staff don't seem to be a logical fit," Martin said. "But when you meet these folks

and talk to them, the myth is quickly blown away. These are not guys with tattoos and hard hats. When we [UTSA's evaluating committee] met them, it was like sitting down with a bunch of U of T colleagues and talking over issues of concern."

The steelworkers' union, said Martin, represents a wide variety of employee groups in Canada and the U.S. including office, technical and professional workers. Administrative workers at Sudbury's Inco plant and nuclear technicians at Chalk River are among its locals. "The union is sensitive to the culture at U of T — that we're not a private sector white collar business nor are we an industrial plant."

Some staff may be worried that control of the union will reside in the U.S., Martin said. However, USWA's three Canadian districts with more than 200,000 members

~ See UTSA: Page 4 ~

Federal Research Code Nears Approval

BY BRUCE ROLSTON

A CONTROVERSIAL NEW SET OF national guidelines for research involving humans has been significantly amended to reflect researchers' concerns, according to one of its drafters.

The guidelines, the latest draft of which has not been made public, go before the three federal research granting councils for approval this spring. They will establish Canada-wide procedures for reviewing the ethics of all research involving humans, from invasive medical procedures to interviews for a historical biography.

University researchers strongly criticized a draft set of guidelines made public by the councils last year, which many saw as setting up an authoritarian and costly review procedure for every questionnaire, research interview and case study. In addition to being costly and time-consuming, the new guidelines would impinge upon academic freedom by allowing university research ethics boards to examine the underlying science of proposals, and, due to a requirement for researchers to obtain the collective approval of identifiable groups, effectively prevent research into

groups such as business leaders or street gangs whose leaders would prefer not to be studied.

That's all changed, said Nina Stipich, senior policy analyst for the Social Sciences and Humanities Research Council, who is heading SSHRC's involvement in the tri-council initiative. While the councils are declining to release the amended draft until after it has been fully approved, researchers should rest assured that the concerns they raised last year have been responded to, she said. "Basically the proscriptive tone [of the earlier draft] has been eliminated."

Among the measures that will be dropped are the requirement that every university's research ethics board include a lawyer in addition to research and ethics experts. The provision, which had been strongly opposed as sharply driving up the costs of research approval, has been amended so that a board only needs one member who is "knowledgeable in the area of law," she said.

The language of the previous document, which seemed to suggest that all research proposals need full ethics board review, has also been changed, Stipich said.

~ See FEDERAL: Page 2 ~

IN BRIEF



Phillips appointed to board of CFI

PROFESSOR ROBERT PHILLIPS OF MEDICAL BIOPHYSICS HAS BEEN appointed to the board of directors of the Canada Foundation for Innovation along with 13 other prominent Canadians. The first priority of the directors, drawn from the research and business communities throughout Canada, will be to approve the policies and programs needed to hold the foundation's first competition for funding in 1998.

Hitting the showers early

THE ROOF OF THE ATHLETIC CENTRE SPRUNG A MAJOR LEAK DURING a Varsity women's basketball tournament Jan. 4. The resulting shower at one end of the sports gym forced the relocation of two tournament games. The centre's leaking roof has been a concern for some time: fortunately, says sports information director Paul Carson, the much-needed \$250,000 repairs had reached the top of the university's deferred maintenance backlog list: a contract for the repair was awarded in December. Carson praised the contractors for their prompt emergency repairs that have kept the sports gym usable in the interim.

Lesbian, gay students offered support

THE COUNSELLING AND LEARNING SERVICE AT U OF T IS HOSTING a 10-week counselling and support group entitled Beyond Coming Out. As co-facilitator, therapist Marilyn McCallum states, "We want to discuss the main problems experienced by lesbian, gay and bisexual students in a society that isn't as welcoming as it should be." The sessions will focus on relationships as well as dealing with helping students find their communities, the cultural aspects of the world they're entering, self-image and homophobia issues. Sessions begin Jan. 27.

Three-quarters of students pass

JUST UNDER ONE IN FIVE ARTS AND SCIENCE STUDENTS CARRY AN A average, according to the Faculty of Arts and Science. Figures recently released by the faculty registrar's office show that in the 1997 academic year, 19.5 per cent of St. George and Erindale's 9,338 undergraduates had a sessional GPA (grade point average) of 3.5 or higher (an A); 34 per cent received Bs and 22 per cent, Cs. The remainder are split almost evenly between those with Ds or failing grades and students with no average assessed:

Federal Research Code Nears

~ Continued from Page 1 ~

"Clearly we were not explicit enough. Now it is very clear. The board will be looking at the high-risk stuff — the process for the rest would really be up to the institution, whether by a subcommittee or a departmental review. Ninety-five per cent should not have to go to full board review."

Another controversial section, on collective consent, has also been amended. "We have backed off completely, gone back to the status quo," Stipich said. "Collective consent will only be required for research into aboriginal peoples and vulnerable minorities." Nor will ethics boards be entitled to consider whether a proposal's underlying science is valid, only whether its ethics are sound, she said.

One of those who had strongly opposed the new guidelines is U of T psychology professor Ken Dion. He's skeptical whether the research councils' latest draft will be much better than what came before, saying the whole notion of unifying ethics procedures across all kinds of science is fundamentally flawed. "Setting a national standard was a good thing to try for. The problem was trying to apply a biomedical ethics framework to everything. Everybody understands the need for thorough review when you're dealing with a physically invasive procedure but when you're dealing

with filling out a questionnaire, it's a different ballgame. The social sciences have their own ethics codes: why do we have to reinvent the wheel?"

Dion questions the whole need for the process, which has cost the Medical Research Council, the sponsoring council, over \$500,000

over the last two years. "They are wrapping themselves in the flag of virtue. Who's going to be against ethics? Look, none of us are doing unethical research. We're already doing ethical research, thank you."

"Now, research will be scrutinized a lot more, certainly. But will it be better research? I doubt it."

FAREWELL



Governing Council bid goodbye to departing Toronto mayor Barbara Hall Dec. 18. Council expressed fond appreciation for Hall, who President Robert Prichard characterized as one of the strongest supporters of the university ever to hold the office.

JEWEL RANDOLPH

TAMING OF THE SHREW

~ Continued from Page 1 ~

Although Ray is an expert on African shrews, she admits that there are more questions than answers when it comes to these shy creatures. What especially perplexes her is how 16 different species of shrew are able to survive in these micro-territories. "It's unrivalled throughout the world to find that many shrews in a tiny site like that. When you consider that there are only 17 species of shrews in all of Europe, the fact that we found 16 species in a 35-square-kilometre area is amazing." Ray also believes the shrews may hold some clues to the evolutionary history of Africa

and an understanding of the immense biodiversity of the continent's rainforest.

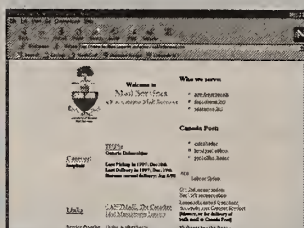
But Ray still needs to get into her outdoor lab to do more live trapping. Actually trapping the little critters is a challenge in itself because shrews must feed every few hours. Unless Ray gets to her traps on an hourly basis, the shrews will quickly die of starvation or exposure.

Ray says she has grown to admire the shrew. "They're good insect predators and extremely interesting from a physiological standpoint, even though they're mistakenly lumped together with rodents."

ON THE INTERNET

FEATURED SITE

Sorting out campus mail



THE DEPARTMENT OF FACILITIES AND SERVICES must be commended for this handy Web site that conveniently offers listings of departmental addresses (including postal codes), local postal outlets nearby St. George campus, hospitals that are served by CARECOR and the Ontario universities/ colleges that are served by IUTS. Now that the postal strike is over, there's a hot link to Canada Post that enables you to search for postal codes by address. Definitely worth bookmarking.

<http://www.facilities.utoronto.ca/admin/mail/admnmail.htm>

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SITES OF INTEREST

Did you know ...

DID YOU KNOW THAT THERE ARE MORE THAN 250 BUILDINGS at the U of T or that more than 192,000 alumni members live in Canada? Facts & Figures provides answers to some of the most frequently asked questions about U of T. This comprehensive Web site is organized by the following headings: general; finances; research; students; alumni; student awards; faculty and administrative staff; library; physical plant; continuing studies, computing and communications; inputs, outcomes and performance. Easy-to-read charts and tables accompany the data.

<http://www.utoronto.utoronto.ca/www/facts/toc.htm>

Student records system

U OF T'S STUDENT INFORMATION SYSTEMS IS CURRENTLY developing a new student records system that will be university-wide and used by all divisions. It will be used to track information about students from application through graduation. The Web site was created to keep the university community informed about the progress of the project.

<http://wwwnews.sis.utoronto.ca>

Professor's Report Draws Fire

BY BRUCE ROLSTON

PROFESSOR FRED WILSON HAS come under attack for his controversial report on governance issues at a small Maritime university.

Wilson, who teaches philosophy at University College, has been strongly criticized by the administration of Mount Allison University — even threatened with legal action — for his report on the inhospitable climate for faculty and staff at the university in the 1990s. The final report, released this month, has significant selections deleted “under threat of litigation.”

Wilson, a former president of the Canadian Association of University Teachers, was asked by CAUT in 1996 to report on why Mount Allison, in Sackville, New Brunswick, was the scene of angry strikes by both faculty and staff in the 1990s and whether there were long-term structural causes for what university faculty saw as a serious breakdown in communication with the administration of university president Ian Newbould. CAUT launched this, its first-ever “commission of inquiry” after being invited in by the Mount Allison Faculty Association.

Wilson found a system of university governance that he saw as abnormally secretive, authoritarian and out of date, not reflecting the changes in openness and accountability that other universities adopted in the 1960s and 1970s. Meetings of the Mount Allison board of regents are closed to the public and the board's decisions on financial matters are made without the consent of the

university's senate. The board is dominated by appointees from the external community, appointed by the board itself, rather than government-appointed or internally elected representatives.



Fred Wilson

“Mount Allison is just kind of an old-fashioned place. Changes that were put into place at U of T or the University of Alberta, say, in the late 1960s have alleviated a lot of the problems that Mount Allison experienced,” Wilson said in an interview. “It creates suspicion, whether or not anybody does anything wrong.”

It is this antiquated structure, Wilson said, that was at least partly responsible for the breakdown of civility at Mount Allison as it emerged from a period of financial crisis in the early 1990s, culminating in strikes by faculty and staff in 1992 and 1993 and strong opposition by faculty, staff and students to Newbould's reappointment as president in 1995.

Mount Allison's administration has completely rejected the report, citing the author's bias and saying the issues Wilson speaks of should be

left in the past where they belong. In his official response, J.J. Keith, chair of the board of regents, says the report is “of little or no help to the present and future. He [Wilson] ignores a host of positive developments.”

Mount Allison has consistently been rated at or near the top of *Maclean's* magazine's annual survey of Canadian universities, in the small, primarily undergraduate university category.

“The board of regents prefers to look to a positive future unencumbered by ill-researched, negative and out-of-date portrayals,” Keith continues.

Dawn Morrison, Mount Allison's manager of communications, says it was inappropriate for CAUT to call in Wilson, who, while an acknowledged expert in university governance, had played a supportive role during the 1992 strike itself, even marching in picket lines. Morrison says Mount Allison, which has since dug itself out of its financial crisis and is now expanding, has resolved its tensions with faculty without needing to enact the kind of structural changes Wilson recommends. “The same week the report came out, members of the executive of the board of regents and the faculty association had met and had lunch.”

Wilson is unfazed. “Even if the faculty association isn't striking right now, there's still an internal set-up that's less than optimal.” In the 74-page final report, he said, “I tried to argue for what I proposed. What should be done is reply to the arguments.”

Ontario Universities Adjust to Tuition Deregulation

UNIVERSITY SECTOR LOBBYISTS are feeling a little reassured about questions arising from the education ministry's December funding announcement but say there is still much work to be done.

The announcement, made by provincial financial minister Ernie Eves Dec. 15, freezes operating grants for universities next year but deregulates tuition for all “graduate and professional” programs. Tuition for other programs can be raised 10 per cent per year for each of the next two years, subject to certain constraints.

Major questions left unanswered by the announcement included whether tuition of first-entry professional programs, such as engineering, was being deregulated, how the constraints on tuition hikes would be enforced and how the province's plans for a massive overhaul of student aid programs would take shape.

David Scott, spokesperson for the Council of Ontario Universities, said the ministry obviously still had “a lot of decisions to make” but after meetings held with university representatives, including U of T president and COU chair Robert Prichard, in the

week following the announcement, he felt the ministry is willing to listen to the universities' concerns. “The ministry is committed to a very open process. We have been given a lot of opportunities for feedback.”

Prichard and other university presidents met with several ministry officials, culminating in a session with Education Minister David Johnson on Dec. 22.

The university presidents are hoping the province will offset the funding freeze with a new targeted funding program when it comes time to announce the provincial budget this spring. Any new fund would likely be another matching fund for money raised by the university, like the other recent government initiatives, the Ontario Student Opportunity Trust Fund for student aid and the Ontario Challenge Fund for research infrastructure. The areas the presidents would like to see new investment in include faculty renewal and paying off their institutions' deferred maintenance backlog.

“We're very reluctant to go towards more targeted funding,” said Scott. “But the government only seems willing to give away money

with those kinds of strings attached.”

At U of T, Graduate Students' Union president Michol Hoffman said while she is not overly concerned that U of T will raise graduate tuitions dramatically in the wake of deregulation, that is only because they are already unaffordably high now. “I don't believe they're going to raise our fees more than 10 per cent but it opens the door for it,” she said.

Increases in the amount of student aid available have not visibly offset recent increases in tuition, said Hoffman, whose union held an information meeting on Jan. 12 to plan the graduate students' own lobbying strategy.

Meanwhile Professor Michael Marrus, dean of graduate studies, said the university faced a “very serious responsibility” in setting its own graduate tuition policy, one that reflects both students' ability to pay and U of T's place in the international market for graduate students. Marrus said he hopes the soon-to-be-issued report of the university's Task Force on Tuition and Student Financial Support, chaired by Deputy Provost Carolyn Tuohy, will be an important step in developing the new tuition policy.

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“Religion and Immigration Reconsidered: The ‘Milieu Hypothesis’ and the German Catholics in North America”

March 6* Jaroslav Pelikan, *Yale University*
“Dialogues with the Christian Past”:
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March 13 Yaacov Glickman, *University of Toronto*
“The Life and Death of Great Ethnic Communities:
The Case of Post World-War II Czech Jewry”

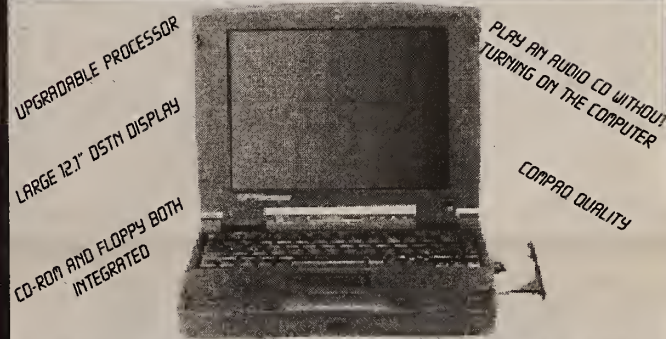
March 27 Agnes Calliste, *St. Francis Xavier University*
“Immigrant Nurses: Human Rights and the State”

April 3 Hilary Cunningham, *University of Notre Dame*
“Sanctuary for Refugees: The American and Canadian Experience”

All lectures will be held from 2:00 to 4:00 p.m. in Room 506, 203 College Street, Department of Sociology, *except the lectures on February 6 and March 6, which will be held at the Multicultural History Society of Ontario, 43 Queen's Park Crescent East

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Chinese New Year - Buffet lunch from 12noon to 2pm in the Great Hall. Call 978-2452 for info.

ART

The Justina M. Barnicke Gallery - "Gifts and the Great Wrang Gift," selections from the Hart House permanent collection, to Feb. 1.

Medieval Style Book - Craft workshop in the making of a style of book from the 14th Century. Beginners are welcome. Wednesdays Jan. 21 and 28 at 7pm. Space is limited. Preregister at the Hall Porters' Desk, 978-2452.

MUSIC

Midday Musicals - Pianist, Mark Usoka, Thur. Jan. 22 and clarinetist, Michelle Jacot, Thur. Jan. 29. Both concerts start at noon in the Music Room. Call 978-5362 for info.

Jazz at Oscar's - Fridays at 8:30pm in the Arbor Room. Licensed. No cover. Jan. 23, Andrew Bonnell Quartet. Jan. 30, Jazzstory. Call 978-5362 for info.

Open Stage - Thur. Jan. 29 at 8:30pm in the Arbor room. Licensed. No cover. Hosted by Phillamene Hoffman.

CLUBS & COMMITTEES

The Absence of Melons - The Hart House Drama Society presents a workshop preview of their 1998 entry into the U of T Drama Festival. Written by Amy Butcher, directed by Carly Cote, Sun. Jan. 25 at 3pm in the Great Hall.

Third Annual One-Act Play Writing Competition - Deadline for submissions is Fri. Jan. 30. Questions? Call 966-0228 or 978-5362.

Hart House Farm - Winter Carnival, Sat. Jan. 24. Cross-country skiing, skating (weather permitting), winter baseball or volleyball, a sauna, musical entertainment and great food. Tickets available at the Hall Porters' Desk. Advance ticket sales to Thur. Jan. 22. Call 978-2447 for info.

Interfaith Dialogue Committee - Wednesday "Wind-Down" in the Hart House Chapel. Communion Service an alternate weeks. Service begins at 5pm. Call 978-2448 for info.

Library Committee presents Lawrence Hill reading from his latest novel, Tue. Jan. 20 at 7:30pm in the Hart House Library. Book launch for SIRCH/Reception, "How to Establish and Maintain Emergency Housing for Women," Mon. Jan. 26 at 12:30pm. Call 978-5362 for info.

ATHLETICS

Drop-In Fitness Classes - A revised "drop-in" schedule is available throughout Hart House. Over 30 classes a week to choose from.

Registered Classes - Winter classes begin Mon. Jan. 19. Choose from Pilates, Afro Jazz, Tai Chi, etc. Register at the Membership Services Office.

Osteoporosis Workshop - Free workshop consisting of weight bearing exercise options and a question/answer session, Thur. Jan. 29, 6-8pm.

Indoor Triathlon - Our 5th annual indoor triathlon will be held Sat. Feb. 7. Sign up individually or join with two friends and do the event as a relay team. Volunteers are also needed to help at the event. Call 978-2447 for more information.

HART HOUSE

UNIVERSITY OF TORONTO

UTSA to Vote on Steelworkers

~ Continued from Page 1 ~

have a national director, policies formed in Canada and membership dues that stay in this country.

The steelworkers' image may be a problem for some staff. Joan Griffin, public relations and publications officer in the Faculty of Law, is hesitant about the proposed affiliation. "At first blush, I find it an unusual fit. I fail to see how our ambitions and their ambitions coincide. They are more militant than I want to be."

Others, however, are not as concerned. Janet Berketa, secretary in the undergraduate office of pharmacology, said affiliation with the steelworkers does not worry her. "I'm probably the only secretary at this university who has taken a nine-month industrial welding course so am I going to worry about a steel hat?" she laughed. Staff objecting to image are really objecting to the principle of a union, she said.

Clive Horsfall, special projects coordinator at Erindale College, agreed that image will not play a role in most decisions. "There are two camps at U of T — those who want a union and those who don't. I don't think it matters if it's the steelworkers or CUPE. It's a matter of whether people want a union or not."

In a Jan. 6 letter to UTSA members, Martin explained the process and rationale used in selecting the steelworkers. A five-person evaluation committee composed of UTSA

members considered five unions. Each union answered a comprehensive list of questions and met with staff association representatives. The steelworkers' union was by far the most impressive, Martin said. "Their responses were complete and well-thought out. When we met with them, they exuded confidence. They were on top of U of T issues — the number of layoffs, the salary rollback — and they had an analysis about why these things had happened. They gave us a sense that they were really interested in what we were doing."

But the most important factor in the selection was "a sense that the steelworkers could win this," Martin said. "We're not doing this union drive because of an ideological commitment. We're doing it because our members told us to and we're doing it to win. It makes no sense to engage in something like this without wanting to win and being determined to win and these folks [USWA] had that quality."

If the steelworkers' union receives the endorsement of UTSA members on Feb. 3, the union drive will swing into high gear, said Connor McDonough, chair of the union coordinating committee. Staff will be asked to sign union cards — a minimum of 40 per cent of the proposed bargaining unit is needed before the Ontario Labour Relations Board will sanction a vote. In fact, the steelworkers would

likely aim to have 60 to 70 per cent sign cards, McDonough said. If enough cards are signed, a vote will be held and ballots cast. (If USWA is endorsed on Feb. 3, a vote could be held three to six months later.)

Before the ballots are counted, the composition of the bargaining unit will be determined; in the case of disputed positions, the labour relations board will determine eligibility using a set of legal tests. (Managers, those who handle confidential information and those who hire staff may be excluded from the bargaining unit). Votes will then be counted; a successful union drive needs 50 per cent plus one vote.

Brian Marshall, U of T's director of labour relations, said it is too early to speculate on the possibility of negotiations between the administration and the steelworkers' union. "We negotiate with many trade unions on campus — large national and international unions such as CUPE and the International Brotherhood of Electrical Workers — so we'll deal with whoever the staff decide they want to be with."

Over the past year UTSA has surveyed its members concerning their support for unionization. In a referendum held in May, 56 per cent of the voting membership endorsed certification. In a subsequent survey, 45 per cent favoured affiliation with an existing union; 40 per cent, an independent union.

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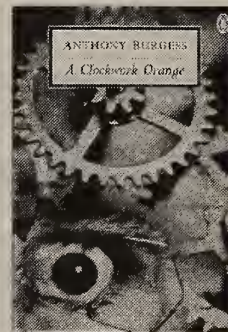
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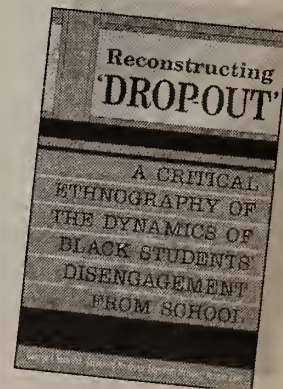
Reconstructing 'Drop-out'

A CRITICAL ETHNOGRAPHY OF THE DYNAMICS OF BLACK STUDENTS' DISENGAGEMENT FROM SCHOOL

George J. Sefa Dei, Josephine Mazzuca, Elizabeth Mclsaac, Jasmin Zine

Turning to the experiences of Black and non-Black students, teachers, parents, and community workers, the authors try to reconstruct the social, structural and institutional practices that lead Black youth to lose interest and leave school. A call for social action and transformation that should not be ignored by researchers, teachers, administrators, and the Black community at large.

PAPER \$19.95



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Doctors' Education Studied

RAPIDLY EVOLVING TECHNOLOGY is creating new teaching and learning opportunities such as virtual classrooms. But does changing how we teach and learn create better physicians?

To enable researchers to measure whether any changes to health care teaching methods and education programs actually produce better doctors, the Faculty of Medicine and Toronto Hospital have collaborated to create the Donald R. Wilson Centre for Research in Education.

The centre's activities will include working with other medical schools in Ontario to promote and develop graduate degree programs and higher level degree programs such as a master's in education. Through research it will examine the testing and certification process currently in place for medical students and specialists with the goal of improving the education system. By attracting visiting scholars, the centre will collaborate with institutions worldwide.

The centre, located at Toronto Hospital, is named in honour of Dr. Donald R. Wilson, a former surgeon-in-chief at the Western Division of Toronto Hospital and past Colonel R. Samuel McLaughlin Professor of Surgery, chair of the Department of Surgery, for 10 years. Wilson has had a lifelong interest in education and actively pursued the interest as dedicated teacher to both the undergraduate and post-graduate training programs.

Funding Influences Researchers

BY CHRISTINA MARSHALL

RESearchers EXAMINING THE effect of financial conflicts of interest have found a strong association between authors' published positions on the safety of a type of heart medication and their financial relationships with pharmaceutical manufacturers.

"The pharmaceutical industry provides substantial financial support for research and medical education," says Professor Allan Detsky of the Departments of Health Administration and Medicine, lead investigator of the study. "The debate about the use of calcium-channel blockers, a medication used to treat high blood pressure and coronary artery disease, provided an opportunity to study financial conflicts of interest in medicine."

The researchers examined the positions of authors in 70 articles published from March 1995 to September 1996 about the safety of calcium-channel blockers. The articles were independently assessed by two of the investigators and assigned a classification of supportive, neutral or critical.

Questionnaires were then sent to 86 of the 89 authors to obtain their reported financial relationship with

pharmaceutical manufacturers. The results of the investigation were published in the Jan. 8 issue of the *New England Journal of Medicine*.



Allan Detsky

Investigators found that 96 per cent of the supportive authors had financial relationships with manufacturers of the calcium-channel antagonists compared with 60 per cent of the neutral authors and 37 per cent of the critical authors. Supportive and neutral authors were also likely to have financial interactions with manufacturers of competing products, however: in fact, all of the supportive authors had financial interactions with at least one pharmaceutical manufacturer.

"This study emphasizes why it is important for physicians to clearly disclose their financial relationships with manufacturers to ensure that readers and journalists can determine for themselves if there is any potential bias in an author's position," said Detsky, who is also physician-in-chief at Mount Sinai Hospital and a member of the Department of Medicine at Toronto Hospital.

"Editors of journals also need to be more specific in their determination of any potential bias when requesting editorial material," he said, adding that in addition to learning about a physician's current funding, it is also important to determine what funding the individual received in the past.

Pharmaceutical funding obviously cannot preclude researchers from publishing, Detsky said. "Medical journals would risk limiting their pool of experts available to debate medical issues if they were to exclude the publication of articles by physicians with financial relationships with manufacturers. Physicians and researchers simply need to disclose their financial relationships." This investigation did not receive financial support from the pharmaceutical industry.

Free Science Lectures Sundays at 3 p.m.

Macleod Auditorium, Medical Sciences Building, 1 King's College Circle

Jan. 25 Life below 0 C: how to freeze without really dying! Kenneth B. Storey
Institute of Biochemistry,
Carleton University, Ottawa

Feb. 1 A universe of colour David Malin
Anglo-Australian Observatory,
Sydney, Australia

Feb. 8 Beyond the plate tectonics revolution: toward a unified theory of global geophysics? Jerry X. Mitrovica
Department of Physics,
University of Toronto

Feb. 15 Turning sows' ears into silk organs Michael V. Sefton
Department of Chemical
Engineering and Applied Chemistry,
University of Toronto

Feb. 22 Quark: the big and the small of it Melissa Franklin
Department of Physics,
Harvard University

Mar. 1 Music listening in infancy Sandra E. Trehub
Department of Psychology,
University of Toronto

Mar. 8 The evolution of memory: what bird-brains can tell us Sara J. Shettleworth
Department of Psychology,
University of Toronto

Mar. 15 Polymers and the periodic table: the inorganic approach to new high tech materials Ian Manners
Department of Chemistry,
University of Toronto

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The University's Department of Facilities & Services will be happy to assist you with the selection of a species and a site.
For additional information, please call (416) 978-2329

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Winter/Spring workshops, seminars and groups:

- Alzheimer's Disease and the Caregiver Jan. 29
- Long-Term Care for the Elderly Feb. 24
- Menopause (women only) - Scarborough Feb. 25
- Menopause: What does being supportive really mean? - Scarborough Mar. 3
- Understanding Learning Disabilities Mar. 3
- Talking about Lesbian and Gay Issues with Young Children ... Mar. 4
- Financial Survival for Student Families Mar. 5
- What to Do with the Kids This Summer:
Our annual camp information day Mar. 26
- Choosing Child Care That Works for Your Family Feb. 10, Apr. 7
- Maternity Leave Planning (staff and faculty) Feb. 26, Apr. 15
- Caring for the Caregiver - Scarborough Apr. 16

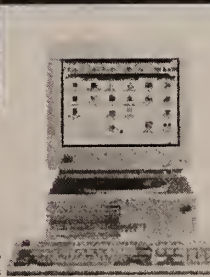
All events are free. Call 978-0951 for times and locations.

The Family Care Office provides free confidential information and referral services on child care, elder care, parenting, and other family issues to members of the University of Toronto community.



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MEALS: Lunch upon arrival • Dinner in late afternoon.

TRANSPORTATION: Buses leave Hart House at 10:30 a.m. Expected departure from the Farm at 7:00 p.m.

ADVANCE TICKET SALES: including Thursday, January 22: Cost per person: \$18.00 with bus; \$15.00 without.

Tickets after Thursday, January 22:

Cost per person: \$23.00 with bus; \$20.00 without.

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Employee Gifts to Be Matched

THE UNIVERSITY WILL MATCH all gifts by faculty and staff members made to the U of T campaign, says Jon Dellandrea, vice-president and chief development officer.

All gifts made or pledged during 1998 and paid before Dec. 31, 2002, will be matched on a one-to-one basis by the university, said Dellandrea. "This is a great opportunity for faculty and staff to have a real impact on the campaign."

In announcing this year's appeal, Dellandrea said these gifts are crucial

to the success of U of T's fundraising effort. "The involvement of the university community in the campaign will send a clear message to alumni and friends of U of T that everyone has a stake in the great future of our university."

"We are the ones who have to take the leadership role," Dellandrea added. "What is important is not necessarily the size of the gift but the degree of involvement in the campaign by as many people as possible on campus. This involvement must start with our

own community of faculty and staff."

Last year's faculty/staff appeal saw all gifts dedicated to student aid matched by both the province's and the university's matching programs. In extending the university matching program into a second year, Provost Adel Sedra has agreed to expand it to all faculty-staff gifts brought in by the appeal, Dellandrea said.

Gifts can be targeted to any college, faculty or non-academic area as well as specific projects and student aid or simply be earmarked for the area of most immediate need.

GOVERNING COUNCIL ALUMNI CANDIDATES

The College of Electors invites nominations of alumni to serve on the Governing Council for three-year terms commencing July 1, 1998. In 1998 the College will elect three alumni representatives to Council.

Prospective alumni candidates must be Canadian citizens, should have a commitment to the University and a knowledge of its governing structure. They should be aware of the issues facing the University, be able to assess a broad cross-section of opinions and ideas and have a proven track-record in either business or community work. They must also be able to make the commitment of time necessary to do the job.

Information about Governing Council and nomination forms are available from:



The Secretary, College of Electors
Simcoe Hall, Room 106
University of Toronto
Toronto, Ontario M5S 1A1
416-978-6576

The deadline for nominations is 4 p.m., Tuesday, February 24, 1998



GOVERNING COUNCIL ACADEMIC BOARD ELECTION 1998 TEACHING STAFF

Nominations open:

January 19th, 9 a.m.

Nominations close:

January 30th, noon

Positions:

18 Teaching staff:

- 1 App. Sci. & Eng.
- 1 Arch. & Land. Arch.
- 5 Arts & Science
- 1 Erindale (Sciences)
- 1 Scarborough (not Life/Phys. Sci.)
- 1 OISE/UT (not CTL/HD&AP)
- 1 Management
- 4 Medicine
- 1 Physical Education
- 1 Social Work
- 1 By-Election (Arts & Science)

The Academic Board of the Governing Council includes 47 elected teaching staff, 18 of whom will be elected through this call for nominations. The Board and its Committees are responsible for all matters affecting the teaching, learning and research functions of the University, the establishment of University objectives and priorities, the development of plans and the effective use of resources in the course of these pursuits.

Information and nomination forms are available from:

Susan Girard
Chief Returning Officer
Room 106 Simcoe Hall
978-8428

The membership of the Academic Board should reflect the diversity of the University. Nominations are, therefore, encouraged of a wide variety of individuals.

TSE Invests \$2.75 Million

THE TORONTO STOCK Exchange has invested \$2.75 million to establish a capital markets institute at U of T. The institute will bring together academics and leaders in industry and government to conduct research in the area of Canadian capital markets and related public policy.

The new institute will include two fully endowed academic chairs at the Rotman School of Management and at the Faculty of Law. The two chairs will develop concentrated research and teaching in the area of capital markets and will play a central role in establishing the programs of the new institute. In addition the TSE will provide \$150,000 per year for five years to support research on capital market issues at the two faculties.

"Toronto is the leading centre for capital markets activity in Canada," said Professor Paul Halpern, dean

of management. "With this investment the TSE recognizes that U of T is the ideal setting for the establishment of a capital markets institute." The new institute will provide a forum for key decision-makers from the private and public sectors

law make it the ideal home for an institute for the study of capital markets, said TSE president and CEO Rowland Fleming. "We are delighted to be able to fund this important initiative, which will not only benefit current and future generations of students in law and business but will benefit all Canadians by providing a vital forum for discussing some of the most pressing issues facing our economy."

As one of the leading exchanges in North America, the Toronto Stock Exchange plays a vital role in the Canadian economy, with the TSE 300 Composite Index widely regarded as the national benchmark for Canada's economic performance. Representing more than 80 per cent of the value of shares trading on Canadian exchanges, the TSE trades approximately \$1 billion on an average business day.



to meet to discuss timely issues in capital markets, Halpern said.

Dean Ronald Daniels of law said the institute would allow "a principled examination of the issues coming to bear on our capital markets which, after all, raise the capital to create jobs, build plants and fund applied research and development."

U of T's central location, proximity to the centres of Canadian business and reputation as a top centre for the study of business and

Looking for RESEARCH NOTICES?

A full listing of current funding opportunities may be found in

RESEARCH UPDATE

Research Update is published by University of Toronto Research Services and is filled with information on upcoming funding competitions, ethics issues and other topics of interest to the research community.

To receive your free subscription in electronic or hardcopy format contact Sheila VanLandeghem at 946-3606 or sheila.vanlandeghem@utoronto.ca

For even more funding sources explore the Community of Science Funding Database at <http://www.library.utoronto.ca/rir/hmpage>

1998 Teetzel Lectures

L. MICHAEL WHITE

Professor of Classics & Director of Religious Studies, University of Texas at Austin

CONTOURS OF CITY, CULT, AND CULTURE Urban Development and Social Change in the Roman World

Monday, February 9 - *Hellenization, Romanization, Christianization:*

Mapping Cultural Aesthetics

Tuesday, February 10 - *Urban Planning and Population: Building the City*

Wednesday, February 11 - *Religion and the Urban Landscape: Renovating the Past*

Thursday, February 12 - *Jews and Christians in the Roman World: Contouring Cult and Culture*

4:30 p.m., Room 140, University College

15 King's College Circle, University of Toronto

Members of the staff, students and the public are cordially invited.

University of Toronto Parking Services

Parking permits are available for Faculty, Staff and Students throughout the campus for day or evening parking.

Ask about our **newest location** under the OISE building just north of Bloor Street and west of Bedford Road.

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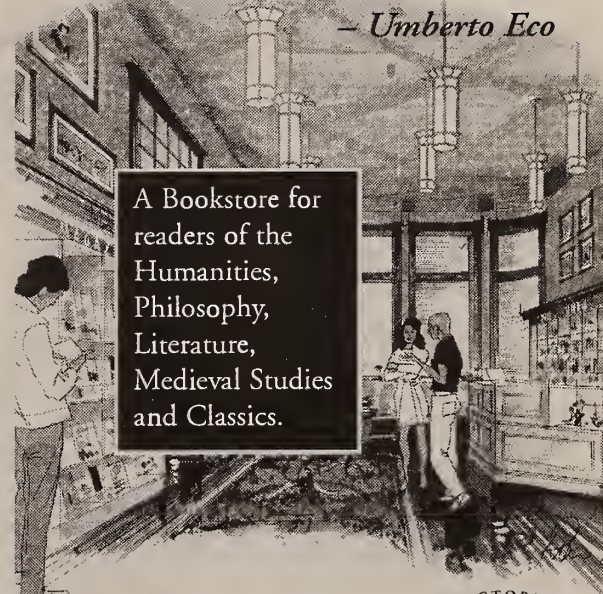
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Arts and Science Council Elections

Nominations open on Monday, January 19, for positions on the general committee and other committees of the Faculty of Arts and Science Council.

Nomination forms and a list of vacancies are available at the Office of the Dean, Office of the Faculty Registrar, departments, offices of college registrars and student organizations. Completed forms must be received in the Office of the Dean no later than 4:00 p.m., Friday, January 30, 1998, in order to be valid.

BOOKS



The People of New France, by Alan Greer (University of Toronto Press; 130 pages; \$45 cloth, \$12.95 paper). For more than a century, until the British conquest of 1759-60, France held sway over a portion of the North American continent. In this vast territory several unique colonial societies emerged, societies that in many respects mirrored *ancien regime* France but that also incorporated a major aboriginal component. While earlier works in this field presented pre-conquest Canada as completely white and Catholic, this book looks closely at other members of society as well: black slaves, English captives and Christian Iroquois of the mission villages near Montreal.

The Devil's Mousetrap: Redemption and Colonial American Literature, by Linda Munk (Oxford University Press; 200 pages; \$35 US). The book focuses on three New England clerics — Increase Mather, Jonathan Edwards and Edward Taylor — whose theology is set in models of thought taken over from Judaism, biblical and post-biblical,

and from the early Church Fathers. As well as tracing the idea of redemption as it developed in Judaism and early Christianity, it explores the Puritans' fascination with biblical typology and with Jewish exegesis — Targum, Philo, the Talmud, medieval philosophy, late apocalyptic texts and writings by noted 17th-century millennialist Menasseh ben Israel.

The Post-Cold War Trading System: Who's on First?, by Sylvia Ostry (University of Chicago Press; 296 pages; \$45 US cloth, \$17.95 US paper). Identifying the historical and legal issues crucial to understanding postwar trade policy, the book uses the lessons of the past to help chart a course for future trade policy. It begins by examining the role of key economic power brokers, particularly the U.S., in the reconstruction and reconfiguration of an international economy after the Second World War and concludes by analysing the growing importance of multinational enterprises in shaping the new trade policy agenda, with a special focus on recent developments in east Asia.

ON THE OTHER HAND

B Y N I C H O L A S P A S H L E Y

PIPE DOWN, WILL YA?

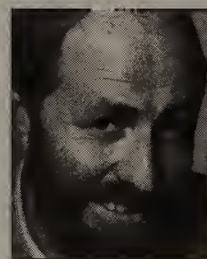
IT WAS DR. JOHNSON, OF COURSE, who said, "There is nothing which has yet been contrived by man by which so much happiness is produced as by a good tavern or inn." Since then "man" has contrived such pleasures as the sitcom, rap music and the flush toilet, but I'm still backing Dr. Johnson.

I am what my mother has called pub-minded. It is a family trait and I married a like-minded woman. In fact our first destination as we left City Hall one Tuesday morning nearly 20 years ago was a pub.

Mind you, when Johnson spoke those famous words, a 20-year-old Mozart was just composing *Venite Populi*, K. 260. In those days if you wanted to hear K. 260 you had to perform it yourself or be fairly close to someone who was. Dr. Johnson did not have to shout to be heard over K. 260 down at the Cheshire Cheese, nor did he have to hear it 1,000 times; the likelihood of hearing any song 1,000 times in one's lifetime was extremely slim.

In our advanced era, however, the likelihood of hearing a song 1,000 times — particularly a song you hate — is all too real. There is a woman called Crow who has perpetrated a song I assume is called *If It Makes You Happy*. It does not make me happy. It makes the prospect of death welcome. Yet for some reason no one thinks it odd that this should be inflicted upon people who have not asked for it. I would rather be in a room filled with flatulent Amway salespersons than have to sit through hearing one more time the unspeakable Ms. Crow and her dirge.

The late English novelist Kingsley Amis — also pub-minded — belonged to an organization called Pipe-Down, which acts as a lobby group to reduce the amount of unsolicited music in public places.



We need a branch here.

I go to pubs for two reasons: to have a pint of decent beer while reading a good book or to have a pint of decent beer in the company of friends. Neither of these activities is enhanced by piped-in music. To the contrary, both are impaired by the invasion of second-rate music. And, of course, it is always second rate. I have never heard a John Dowland lute tune

played in a pub and very seldom any decent jazz (although the Imperial Pub on Dundas East has a respectable jukebox). It's always the Eagles or that Crow person or something you've heard far too often. It is at best boring, at worst intrusive. It is music for people who don't much like music but suspect they're not having fun unless there's noise in the background.

Recently two campus-area pubs have broken their vows of silence and we are the poorer for it. The formerly peaceful downstairs rooms at both the Duke of York and the Madison have taken to invading our privacy with what can be described only as din. Simply because we can now listen to music 24 hours a day is no reason to do so. I don't make people read Danielle Steel; why should they make me listen to Sheryl Crow?

In New York there are few quiet bars. Even the lobby of the Algonquin has piped-in music. Most bars, however, offer a kind of free market solution: the jukebox. In self-defence one can pour money into the jukebox and at least select the music one will have to shout over (although they have never offered the option of buying silence). Many Manhattan jukeboxes deliver quite acceptable jazz; it annoys the staff but it's an imperfect world. There is a bar in San Francisco whose jukebox plays operatic arias. Up here it's Sheryl Crow.

Do you know a student who has made an outstanding contribution to the University community?

If so, you may nominate him or her for a GORDON CRESSY STUDENT LEADERSHIP AWARD.

Established by the University of Toronto Alumni Association, these Awards will be presented to students at a special ceremony hosted by President J. Robert S. Prichard in April 1998.

The Cressy Award recognizes students with high academic standing who have made substantial extra-curricular contributions to their college, faculty or school, or to the University as a whole.

Nomination forms may be obtained from the Department of Alumni and Development, 21 King's College Circle, Main Reception. For more information, please call (416) 978-4258 or (416) 978-6536 or e-mail louise.china@utoronto.ca.

Deadline for nominations: Monday, February 9, 1998.



GOVERNING COUNCIL ELECTION 1998

Nominations open:

January 19th, 9 a.m.

Nominations close:

January 30th, noon

Positions:

- 5 teaching staff seats (A & S Federated Universities; A & S Sciences; A & S Erindale by-election; Engineering; Medicine)
- 1 administrative staff seat
- 4 full-time undergraduate student seats
- 2 part-time undergraduate student seats
- 2 graduate student seats

Governing Council is composed of 50 members including the President, the Chancellor, 16 government appointees, 12 teaching staff, 8 alumni, 8 students, 2 administrative staff and 2 presidential appointees. Council and its Boards are responsible for approval of such items as:

- academic and incidental fees
- establishment of new academic programs
- major admissions and awards policy
- the University's budget
- campus planning and capital projects
- personnel policies
- campus and student services

Information and nomination forms are available from:

Susan Girard
Chief Returning Officer
Room 106 Simcoe Hall
978-8428

The membership of the Governing Council should reflect the diversity of the University. Nominations are, therefore, encouraged of a wide variety of individuals.

The Bulletin

invites readers to submit information regarding awards and honours as well as death notices of staff and faculty. Please include as much background information as possible and in the case of obituaries, a CV is especially welcome.

Please send, deliver or fax the information to:

AILS A FERGUSON, ASSOCIATE EDITOR
21 King's College Circle, fax, (416) 978-7430.

CLASSIFIED

A classified ad costs \$15 for up to 35 words and \$.50 for each additional word (maximum 70). Your phone number counts as one word, but the components of your address will each be counted as a word, e-mail addresses count as two words. A cheque or money order payable to **University of Toronto** must accompany your ad. Ads must be submitted in writing, 10 days before *The Bulletin* publication date, to **Nancy Bush, Department of Public Affairs, 21 King's College Circle, Toronto, Ontario M5S 3J3**. Ads will not be accepted over the phone. To receive a tearsheet and/or receipt please include a stamped self-addressed envelope. For more information please call: (416) 978-2106.

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High Park. 1-bedroom furnished apartment. February 1 — September 30, 1998. All utilities, cable TV, balcony. Steps to subway. \$770/month all included. Phone: (416) 604-7410.

East York. Furnished house @ Coxwell & O'Connor. All appliances, dishes, laundry, parking. No smoking and no pets. Quiet area, close to transit & DVP. Available immediately. Shared on some weekends only. Reasonable. (416) 421-2240.

Annex short-term large one-bedroom apartment. Furnished & equipped. Immaculate, quiet, smoke- and pet-free. Parking & laundry. Walk to U of T, ROM. Available February 1. \$350 per week inclusive (negotiable for longer term). Minimum three weeks. (416) 967-6474. Fax 967-9382.

High Park/Bloor. Charmingly furnished two-storey apartment. Fully equipped. 2 bedrooms, 1½ bathrooms. Close to subway. Short-term rental. No pets. \$1,300 inclusive. (416) 763-3899.

Bloor/Spadina. 1 minute to U of T campus, subway, shopping. Beautiful, recently renovated, furnished 1-bedroom apartment for rent March 1. Laundry, microwave, dishwasher, large balcony, outdoor pool, sauna. \$950/month inclusive. Parking available. (416) 923-0745.

ACCOMMODATION RENTALS REQUIRED

Faculty couple seeks house to rent/house-sit for June and July 1998 in Toronto, preferably in Beaches. Non-smokers, no children, no pets. Exchange with their house in Chapel Hill, NC, is possible, but not necessary. Phone: (919) 929-4003. E-mail: kleinman@email.unc.edu

Visiting professor on sabbatical seeks quiet, clean, furnished apartment or room near the downtown campus for February and March. Call collect (250) 372-2209 or e-mail KSimpson@cariboo.bc.ca

3-bedroom furnished accommodation required end-June 1998 to end-June 1999 for visiting English doctor, wife and 3 children. Near U of T and schools (prefer Annex). Moderate rental all inclusive required. Contact: joost@btinternet.com

Professional requires 3/4 bedroom house, fully furnished, from June 1998 for 1 year, preferably near Toronto General Hospital. Dr. N. Bhasin, phone 44 113 261-4424, fax 44 113 392-2645. E-mail: anaesth@ulth.northy.nhs.uk

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ACCOMMODATION OVERSEAS

Sabbatical in Avignon. Renovated mas, secluded not isolated. 4 bedrooms, two bathrooms, all conveniences. Heated pool, washer, dishwasher, TV, etc. 800 metres from a superb two-room schoolhouse. Many satisfied academics, several books written there. \$1,650 per month. Available September 1, 1998 to June 30, 1999. Contact Ed Epstein, (416) 924-1115 (U of T owner in Europe).

France — Grasse. 15 km from Cannes. 2-room studio with kitchen, garden, pool. 350 to 450/week. Clean, simple and picturesque. In the mountains, heart of the perfume region. Tel. & fax: (514) 737-8005.

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VACATION / LEISURE

Britain! Malvern home near Cotswolds, Stratford, Wales; and/or historic Culross home on Firth of Forth; Dunfermline, Edinburgh, Glasgow close. Both houses sleep four. Non-smokers. Fine views. Moderate weekly rates. Car advantageous. (519) 746-9191.

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Newly renovated, detached, 2-storey, 3-bedroom home in Yonge-Lawrence area. Easy subway access, across from park and close to John Wanless Public School. Open plan, hardwood floors, huge master suite, 3 bathrooms, finished basement, parking. \$439,000. Ron Walenius (416) 483-2200.

HEALTH SERVICES

PERSONAL COUNSELLING in a caring, confidential environment. U of T extended health benefits provide excellent coverage. Evening and weekend hours available. Dr. Ellen Greenberg, Registered Psychologist, The Medical Arts Building, 170 St. George Street. 944-3799.

INDIVIDUAL AND COUPLE THERAPY. Twenty years' experience in counselling for personal and relationship difficulties. Coverage under staff and faculty benefits. Dr. Gale Bildfell, Registered Psychologist, 114 Maitland Street (Wellesley & Jarvis). 972-6789.

Individual psychotherapy for adults. Evening hours available. Extended benefits coverage for U of T staff. Dr. Paula Gardner, Registered Psychologist, 114 Maitland Street (Wellesley & Jarvis). 469-6317.

PSYCHOANALYTIC PSYCHOTHERAPY with a Registered Psychologist. Dr. June Higgins, The Medical Arts Building, 170 St. George Street (Bloor and St. George). 928-3460.

Psychologist providing individual and group psychotherapy. Work stress, anxiety, depression and women's health. U of T staff health plan covers cost. Dr. Sarah Maddocks, registered psychologist, 114 Maitland Street (Wellesley & Jarvis). 972-1935 ext. 3321.

Psychotherapy. Dr. Joan Hulbert, Psychologist. Yonge Street near Davisville. (416) 465-9078. Focus on depression, anxiety, substance abuse, difficulties with assertiveness, relationship problems, self-esteem, abusive relationships. Fees may be covered by Employee Health Insurance Plan.

Dr. Dianne Fraser, Psychologist. Carlton at Berkeley, 923-7146. Brief holistic counselling and EMDR. Focus on stress, depression, anxiety, phobia, grief, substance abuse, relationships, women's issues. Complete or partial reimbursement through UT/insurance benefits.

Individual cognitive behavioural psychotherapy. Practice focussing on eating disorders, depression, anxiety and women's issues. U of T staff extended health care benefits provide full coverage. Dr. Janet Clewes, Registered Psychologist, 183 St. Clair Avenue West (St. Clair and Avenue Road). 929-3084.

Psychological services for children, adolescents and families. Comprehensive assessment of learning problems, emotional and behavioural difficulties. Individual psychotherapy, parent counselling. Dr. Meagan Smith and Dr. Arlene Young, Registered Psychologists. U of T area. 926-0218. Leave message.

Dr. Gina Fisher, Registered Psychologist. Psychotherapy for depression, anxiety, relationship problems, stress, gay/lesbian issues, women's issues. U of T extended health benefits cover fees. Evening appointments available. The Medical Arts Building (St. George and Bloor). (416) 932-8962.

Psychological Services for Infants and Children. Assessment of developmental and learning disabilities. Benefits packages may provide complete/partial reimbursement. Dr. Jo-Anne Finegan, Psychologist. 1300 Yonge Street, south of St. Clair. (416) 927-1217.

Psychotherapy for adults. Depression, anxiety, stress; personal, relationship, family and work concerns. Dr. Carol Musselman, Registered Psychologist, 252 Bloor Street West. Call 923-6641 (ext. 2448) for a consultation. Day or evening hours. May be covered by extended health benefits.

Psychologist providing individual, group and couple therapy. Personal and relationship issues. U of T extended health plan provides some coverage for psychological services. For a consultation call Dr. Heather A. White, 535-9432, 140 Albany Avenue (Bathurst/Bloor).

Dr. Dvora Trachtenberg, Registered Psychologist. Individual psychotherapy. Couple/marital psychotherapy. Fees covered by U of T staff and faculty health plan. Evening appointments available. The Medical Arts Building (St. George/Bloor). For an appointment, please call (416) 932-8962.

Dr. Randy Silverman, Registered Psychologist. Individual and couple therapy.

U of T extended health benefits cover fee for psychotherapy. Offices in North York and Whitby. For appointment call (416) 512-9886 (North York) and (905) 668-2442 (Whitby).

???DID YOU HAVE A MISERABLE TIME OVER THE HOLIDAY SEASON? Do you wonder if talking to a psychologist or counsellor might help? "I'd be glad to answer your questions." For free telephone information call me, Dr. Paul Kelly, at (416) 597-2614. My office is conveniently near U of T and you could choose a day, evening or weekend appointment.

Electrolysis, facials (Gerovital-GH3). Waxing. Men & women. Certified electrologists. Safe, sterile. Introductory offer, packages available. 7 days. Guaranteed quality at lowest prices downtown. Bay Street Clinic: 1033 Bay, #322, 921-1357; Medical Arts Building, 170 St. George, #700, 924-2355.

MASSAGE for aches, pains, and stress. 29 years' experience. Medical Arts Building. We will bill directly for your potential full coverage. Ann Ruebottom, B.A., R.M.T. (1970). Tel. 9601RMT (960-1768).

THERAPEUTIC MASSAGE with aromatic essential oils naturally effects a relaxation response. Enjoy a quiet retreat from the stress of daily life. The experience will rest and refresh your body and mind. Bloor/St. George location. By appointment. Kathy Dillon, R.M.T. 787-1070.

BODY WISDOM. Using gentle bodywork

and psychodrama methods I assist you in becoming more aware of subtle body signals and related emotional responses. As your innate wisdom surfaces and guides this process, blocked energy is released and deep healing begins to take place on many levels. Jocelyn Drainie, Certified Shiatsu Therapist, practising since 1987. Bloor & St. George. Wheelchair accessible. Gift certificates/ brochure available. (416) 929-9879.

MISCELLANY

DATE SOMEONE IN YOUR OWN LEAGUE. Graduates and faculty of U of T, McGill, the IVIES, Seven Sisters, Oxford, Cambridge, MIT, Stanford, accredited medical schools, meet alumni and academics. The Right Stuff. 800-988-5288.

INCOME TAX PREPARATION — FREE CONSULTATION. Canadian and U.S. Quick turnaround. Personalized professional services and advice on all tax, business and financial matters. Sidney S. Ross, Chartered Accountant, 2345 Yonge Street, Suite 300. Tel. 485-6069, fax 480-9861.

LEARN SPANISH AT OISE/UT. Communicative method. One level completion. Groups at all levels. Morning, afternoon and evening classes. Winter term: January 27 — April 11. Instructor: Margarita De Antunano, M.Ed. Canada-Mexico Cultural Exchange Centre OISE/UT. Telephone: 923-6641 x. 6021.

Orde Daycare Centre
132 St. Patrick Street - Toronto
Superb Infant & Toddler program
opening March 1998
call Lorna McGlashon 598-3412
subsidies available through Metro Childrens Services

SHOWCASE '98

**New Developments in
Multimedia and Digital Courseware**

**Thurs., Feb. 12, 1998
10 am - 4 pm**

**Centre for Academic Technology
4th Floor
Robarts Library**

*Come and experience
the latest courseware
developed at U of T.*

Presented by:

The Provost's Office

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Technology

EVENTS



LECTURES

Jesus and the Jews — Today.

WEDNESDAY, JANUARY 21
Rabbi Dow Marmur, Holy Blossom Temple; second of seven on Meeting Jesus Again for the First Time. Elliott MacGuigan Hall, 67 St. Nicholas St. 7:15 to 9:15. Complete series \$45, student and seniors \$35; individual lectures \$9, students and seniors \$7.

Towards a Future Knowledge Nation.

THURSDAY, JANUARY 22
Panelists include Marc Raboy, University of Montreal, and Maude Barlow, Council of Canadians; Canada by Design: Building a Knowledge Nation Using New Media & Policy series. 205 Claude T. Bissell Building, 140 St. George St. 4 to 6 p.m. *KMDI, McLuhan Program, FIS, Information Commons and Centre for Academic Technologies*

Sister, Whore, Apostle, Preacher: Images of Mary Magdalene in the Sermons and Art of the Later Middle Ages and Reformation.

THURSDAY, JANUARY 22
Prof. Larissa Taylor, Colby College, Maine. Senior Common Room, Victoria College. 4:10 p.m. *Reformation & Renaissance Studies and Toronto Renaissance & Reformation Colloquium*

Mission Impossible: Settling the Just Bounds between Church and State.

THURSDAY, JANUARY 22
Prof. Stanley Fish, Duke University; Olin lecture series. Alumni Hall, St. Michael's College, 121 St. Joseph St. 5 p.m. *Political Science*

Coffins, Cars and Credit Cards: A Guide to Funerary Equipment in the ROM Egyptian Collection.

THURSDAY, JANUARY 22
Gayle Gibson, Royal Ontario Museum. 1050 Earth Sciences Centre. 8 p.m. *Society for the Study of Egyptian Antiquities*

The War Time Origins of Ethnic Tolerance in Canada.

FRIDAY, JANUARY 23
N.F. Dreisiger, Royal Military College of Canada. Room 506, 203 College St. 2 to 4 p.m. *Ethnic, Immigration & Pluralism Studies*

Life below 0° C: How to Freeze without Really Dying!

SUNDAY, JANUARY 25
Prof. Kenneth Storey, Carleton University. Auditorium, Medical Sciences Building. 3 p.m. *Royal Canadian Institute*

Ezekiel: The Prophet, His Times, His Message.

WEDNESDAY, JANUARY 28
Prof. Carl Ehrlich, York University. Room 200B, 4 Bancroft St. 3 p.m. *Near & Middle Eastern Civilizations*

Incomparables Nutritores: Child Minders on Roman Biographical Sarcophagi.

WEDNESDAY, JANUARY 28
Prof. Michele George, McMaster University. 140 University College. 4:15 p.m. *Archaeological Institute of America, Toronto Society*

Jesus as Guru: Experiencing Christ through the Spiritual Practices of the East.

WEDNESDAY, JANUARY 28
Lucinda Vardey, author and counsellor; third of seven on Meeting Jesus Again for the First Time. Elliott MacGuigan Hall, 67 St. Nicholas St. 7:15 to 9:15. Complete series \$45, student and seniors \$35; individual lectures \$9, students and seniors \$7.

Dawn of the Promised Land: The Creation of the State of Israel.

THURSDAY, JANUARY 29
Ben Wicks speaks on his new book *Dawn of the Promised Land*. 140 University College 4 p.m. *Jewish Students' Union*

The Early Egyptian Games.

FRIDAY, JANUARY 30
Jack Miller, independent scholar. 142 Earth Sciences Centre. 6:30 p.m. *Society for the Study of Egyptian Antiquities*

A Universe of Colour.

SUNDAY, FEBRUARY 1
David Malin, Anglo-Australian Observatory, Sydney; joint meeting with the Royal Astronomical Society of Canada, Toronto Centre. Auditorium, Medical Sciences Building. 3 p.m. *Royal Canadian Institute*

Common Sense Understanding of the Female Alcoholic: "The Drunken Woman."

MONDAY, FEBRUARY 2
Deirdre Smyth, PhD candidate, OISE/UT; Popular Feminism series. Room 3-312, 252 Bloor St. W. 8 p.m. *Women's Studies in Education, OISE/UT*

Type for Books and Books for Type: Mechanical Typesetting and Fine Books between the Wars.

TUESDAY, FEBRUARY 3
Sebastian Carter, British printer and typographer; annual Gryphon Lecture on the History of the Book. Thomas Fisher Rare Book Library. 8 p.m.

COLLOQUIA

Obtaining a Research Consent from a Patient in Labour.

THURSDAY, JANUARY 22
Drs. Stephen Halpern and Barbara Leighton, anesthesia and Women's College Hospital; brown bag discussion. Dean's conference room, Medical Sciences Building. 12 noon. *Research Services and Research Office, Faculty of Medicine*

Migrating Planets.

THURSDAY, JANUARY 22
Prof. Norman Murray, Canadian Institute for Theoretical Astrophysics. 102 McLennan Physical Laboratories. 4:10 p.m. *Physics*

Hope in Mark's Gospel? Breaking the Barrier of 16:8.

FRIDAY, JANUARY 23
Keir Hammer, PhD candidate, Centre for the Study of Religion. 123 St. George St. 1:30 p.m. *Study of Religion*

From Costs to Values: Resource Allocation in HIV and AIDS.

TUESDAY, JANUARY 27
Jim Lavery, PhD candidate, Institute of Medical Sciences and Joint Centre for Bioethics; Research, Ethics, Community and Culture discussion. Flavell House, Faculty of Law, 78 Queen's Park Cres. 4:30 p.m. *Research Services*



SEMINARS

Sulphide and Alkalinity Production from Activated Sludge to Treat Acid Mine Drainage.

TUESDAY, JANUARY 20
Dildeep Dhillon, graduate student, civil engineering. 252 Mechanical Engineering Building. 12 noon. *Environmental Engineering*

Making Sense with Antisense: Mechanisms of Lung Development.

WEDNESDAY, JANUARY 21
Dr. Martin Post, Hospital for Sick Children. 968 Mt. Sinai Hospital. 12 noon. *Samuel Lunenfeld Research Institute*

Cellulosic Fibres: Swelling, Surface Chemistry, Bonding Properties.

WEDNESDAY, JANUARY 21
Prof. Per Stenius, Helsinki University of Technology. 116 Wallberg Building. 12:30 p.m. *Chemical Engineering & Applied Chemistry*

Technical Excellence Is Our Mission: How Can We Do It? And How Would We Know?

THURSDAY, JANUARY 22
Drs. Richard Reznick, David Szalay, Mitchell Brown, Dimitri Anastakis, Carol Hutchison, Surgical Education Research Group. Cummings auditorium, Women's College Hospital. 7:30 to 9 a.m.

Association of Hydrophobically Modified Polymers in Aqueous Solution.

FRIDAY, JANUARY 23
Prof. Michael Winnik, chemistry. 105 Pharmacy Building. 10 a.m. *Pharmacy*

Between Experience and Political Reaction: Looking for the American Dream in Yaroslavl.

FRIDAY, JANUARY 23
Boris Sergeyev, Centre for Russian and East European Studies. 14352 Roberts Library. 1:30 p.m. *CREEs*

Mechanisms of Inhibition of Carcinogenesis and Toxicology by Dietary Chemicals.

TUESDAY, JANUARY 27
Prof. Chung Shu Yang, Rutgers University. 105 Pharmacy Building. 10 a.m. *Pharmacy*

Octanol/Lipid Water Partition Coefficients for Chlorobenzenes and Chemical Fate in Indican Lakes.

TUESDAY, JANUARY 27
Nisheeth Bahadur, graduate student, chemical engineering and applied chemistry. 252 Mechanical Engineering Building. 12 noon. *Environmental Engineering*

TIMPs Memory Morphogenesis and Tumour Inhibition.

WEDNESDAY, JANUARY 28
Dr. Rada Khokha, Ontario Cancer Institute. 968 Mt. Sinai Hospital. 12 noon. *Samuel Lunenfeld Research Institute*

Determinant Factors in Metal Toxicology.

WEDNESDAY, JANUARY 28
Prof. Evert Nieboe, McMaster University. 116 Wallberg Building. 12:30 p.m. *Chemical Engineering & Applied Chemistry*

The Dialogue between Neocortex and Thalamus: State-Dependent Oscillations.

THURSDAY, JANUARY 29
Prof. Mircea Steriade, University of Laval. 3231 Medical Sciences Building. 4 p.m. *Physiology and U of T Bookstore*

Worker Resistance under Stalin.

THURSDAY, JANUARY 29
Prof. Jeffrey Rossman, University of California at Berkeley. 14352 Roberts Library. 7 to 9 p.m. *CREEs*



MEETINGS & CONFERENCES

Voices of Opera: Performance, Production, Interpretation.

THURSDAY, JANUARY 22 AND FRIDAY, JANUARY 23
A symposium at the University of Toronto at Scarborough. Sessions in Leigha Lee Browne Theatre unless stated otherwise.

THURSDAY, JANUARY 22
Roger Parker, on Authentic Staging in Verdi and Puccini; Stephen McClatchie on Pfitzner's *Palestrina*. 10 a.m. to 12 noon.
Opera Atelier, excerpts from Gluck's *Orfeo*, directed by Marshall Pynkoski; Anna Migliarisi, on Baroque Directing; Caryl Clark, on Castrati. 1:30 to 4 p.m.
Keynote speaker: Wayne Koestenbaum, Yale University. Room S309. 5 p.m.

FRIDAY, JANUARY 23
Linda and Michael Hutcheon, on Wagner's *Ring*; Russell Kilbourn, Helmut Reichenbacher, Erika Reiman, Jill Scott, on Wagner's *Tristan und Isolde*. 10 a.m. to 12 noon.
Canadian Opera Company Ensemble demonstration. Meeting Place; Alexina Louie and Carol Bolt, on Opera and the Collaborative Experience; Susan Benson, on Stage Design. 1:30 to 5 p.m. All events free, free van transportation available from St. George campus (call 24 hours in advance, 287-7076); information: 287-7007; www.scarutoronto.ca/depts/cultural.

Metaphor and Metonymy: Issues of Representation in the Language of Theatre and Film.

THURSDAY, JANUARY 22 TO SUNDAY, JANUARY 25
Festival of Original Theatre & Film (FOOT); student administered performance conference and arts festival. Graduate Centre for Study of Drama, Koffler Student Services Centre.

THURSDAY, JANUARY 22
Opening Panel: Metaphor and Metonymy; guest speakers Tomson Highway, John Mighton and Maristella Roca. 7:30 p.m.

FRIDAY, JANUARY 23
Staged Reading One: *The Red Parasol* by Kathryn Ready. 1 to 3 p.m.
Paper Session One: (In) The Eye of the Beholder: The (Unspoken) Metaphor of Power and the (Re)Production of Spectatorship in the Critical Theories of Peggy Phelan, Corinne Rusch-Drutz, U of T; Staged Metaphors in *Them Donnelly's and Sticks and Stones*, Shauna Dobbie, U of T. 3:15 p.m.
Paper Session Two: Beyond the "Clockwork Cabbage" Paradigm: Robert Wilson and the Mise en Scene of "Contemporary Selfhood," Cordula Quint, U of T. 4:30 p.m.
Staged Reading Two: *Flaying House in the Palace*, by Esin Akalin. 8 p.m.

SATURDAY, JANUARY 24
Staged Reading Three: *Half-life*, by Scott Duchesne. 12 noon to 2 p.m.
Paper Session Three: Metaphor Magic in Shakespeare's *A Midsummer Night's Dream*, Jane Freeman, U of T; Translation and the Shakespearean Canon, Maria Clara Galery, U of T. 2:15 p.m.
Special Presentation: In Search of the Vanishing Point: The Reinvention of Film in Jean-Luc Godard's *King Lear*, Piet Defraeye, St. Thomas University, and Margaret Owens, U of T. 3:30 p.m.
Paper Session Four: Monsters as (Uncanny) Metaphors: Freud, Lakoff and the Representation of Monstrosity in Cinematic Horror, Steven Schneider, Harvard University. 4:45 p.m.
Panel: Metaphor and Metonymy in Film; guest speakers: Sally Clark, Barb Mainguy and Peggy Thompson. 7:30 p.m.
Film Presentation: *The Art of Conversation*, by Sally Clark; *Front Seat*, by Barb Mainguy; *Broken Images*, by Peggy Thompson. 8 p.m.

SUNDAY, JANUARY 25
Staged Reading Four: *Doppelgänger*, by Simon Heath. 12 noon to 2 p.m.
Playwrighting Discussion: Discussion of Metaphor and Metonymy as it relates to the festival's four staged readings; guest speaker: Carol Bolt. 2:30 to 4:30 p.m.
Closing Panel: conference round-up chaired by Joel Beddows, U of T. 5 p.m. *Graduate Centre for Study of Drama*

Gossip, Denunciation & Praise.
MONDAY, JANUARY 26 TO FRIDAY, JANUARY 30
University College Symposium 20. All sessions in 179 University College unless stated otherwise.

MONDAY, JANUARY 26
Samuel Beckett's *Waiting for Godot*, presented by the UC drama program; sponsored by the University College Alumni Association. Helen Gardiner Phelan Playhouse, 79A St. George St. 8 p.m. Reservations: 978-8099.

TUESDAY, JANUARY 27
The Market for Gossip. 10:10 a.m.
Gossip, Denunciation and Praise: A Mixed Response. 11:10 a.m.
The Ambience of Canadian Scholarly Publishing in Canada, 1955-1975. 12:10 p.m.
Reputation in 18th-Century French Politics. 1:10 p.m.
Denunciation and Terror under Stalin. 2:10 p.m.
In Praise of Canadian Saints. 3:10 p.m.

WEDNESDAY, JANUARY 28
The Soft Answer Turneth Away Wrath: The Denunciation of T.S. Eliot by Anthony Julius Assessed. 10:10 a.m.
"True to Sacred Scandal": Court Satire in the Reign of Charles II. 11:10 a.m.
"And nevertheless, for my sake, be kind to a Parliament man": Lucy Hutchinson and the Ballad of Anne Greene. 12:10 p.m.
The Poetry of Byron: Much Denunciation, Some Praise, Gossip All the Way. 1:10 p.m.
The Return of Martin Guerre, showing of the film and a conversation with Natalie Davis. 2:10 p.m.

THURSDAY, JANUARY 29
Fear and Trembling: Telling Tales on Sportsmen. 10:10 a.m.
The Whistle-Blower's Dilemma. 11:10 a.m.
A Land Claim and the Search for Gossip. 12:10 p.m.
The People v. Margaret and Barker Fairley: The Waldorf Incident, 1949. 1:10 p.m.
Welcome and Unwelcome Neighbours: Canadian and Mexican Migrants to the United States. 2:10 p.m.
Whistle Blowers: Traitors or Heroes? 3:10 p.m.

FRIDAY, JANUARY 30
Chasing Rumours: How Stories Get Told in the Campus Media, two-hour

EVENTS

round table discussion with representatives from the student media. 10:10 a.m. Denouncing Atheism: Hume's Failure to Secure the Chair of Philosophy at Edinburgh. 12:10 p.m. Denunciation, University Students and the 18th-Century Portuguese Inquisition. 1:10 p.m. A Concert of Praise, 240 University College. 2:10 p.m.

University Affairs Board.
TUESDAY, JANUARY 27
Council Chamber, Erindale College. 4:30 p.m.

Academic Board.
THURSDAY, JANUARY 29
Council Chamber, Simcoe Hall. 4:15 p.m.

**The Public's Right to Know:
Where Should the Media Draw
the Line?**

SATURDAY, JANUARY 31
Ernescliff's third media seminar. Introduction by the chair, Alexander Farrell, past editor-in-chief, *Reader's Digest*; The Reporter and the Facts; An Editor's View, Haroon Siddiqui, *The Toronto Star*; The Journalist before the Law, Stuart Robertson, legal counsel for Canadian Press; An Ethical Perspective, Prof. Robert Martin, University of Western Ontario; Panel discussion and questions, moderator: Penelope Body, *Reader's Digest*. 2 to 5 p.m. Ernescliff College



MUSIC

**CLARKE INSTITUTE OF
PSYCHIATRY
Truly Lyrical.**

TUESDAY, JANUARY 13
Trio Lyra: Erica Goodman, harp, Mark Childs, viola, Suzanne Shulman, flute; Music for Midwinter series. Aldwyn Stokes Auditorium. 5:30 p.m.

Taborah and Friends.
TUESDAY, JANUARY 20
Taborah Johnson, singer, with Bob Fenton, piano; Music for Midwinter series. Aldwyn Stokes Auditorium. 5:30 p.m.

**Erhu and Zheng —
Not a Chinese Law Firm!**
TUESDAY, JANUARY 27
George Gao, erhu, and Seng-er Fan, geuzheng; Music for Midwinter series. Aldwyn Stokes Auditorium. 5:30 p.m.

February Fiesta.
TUESDAY, FEBRUARY 3
Parabolica: Guiomar Campbell, singer/percussionist, and Colin Campbell, guitar; Music for Midwinter series. Aldwyn Stokes Auditorium. 5:30 p.m.

**FACULTY OF MUSIC
EDWARD JOHNSON
BUILDING
Small Jazz Ensembles.**
WEDNESDAYS, JANUARY 28 AND
FEBRUARY 4
Favourite standards and student arrangements and compositions. Walter Hall. 8 p.m.

Thursday Noon Series.
THURSDAY, JANUARY 29
Opera Division presents an introduction to Benjamin Britten's *Paul Bunyan*. Walter Hall. 12:10 p.m.

**Wind Symphony and
Concert Band.**
SATURDAY, JANUARY 31
Stephen Chenette, conductor. MacMillan Theatre. 8 p.m. Tickets \$5.



PLAYS & READINGS

Pericles Prince of Tyre.
THURSDAYS TO SATURDAYS,
JANUARY 22 TO JANUARY 31
By William Shakespeare; directed by Richard Martin. Seeley Hall, Trinity College. 8 p.m. Tickets \$8, students and seniors \$5. Tickets and information: 946-3184.

Vital Signs.
WEDNESDAYS TO SATURDAYS,
JANUARY 28 TO FEBRUARY 7
By Jane Martin; directed by Patrick Young. Erindale Studio Theatre, Erindale College; Theatre Erindale 1997-98 season. Performances at 8 p.m. except Saturday, Feb. 7, 2 and 8 p.m. Tickets \$10, students and seniors \$7; matinee \$7, students and seniors \$5. Box Office: (905) 569-4369.

EXHIBITIONS

**UNIVERSITY OF TORONTO
AT SCARBOROUGH
Voices of Fire.**
TO JANUARY 30
Dora Rust D'Eye, costume designs for Opera Atelier, and Michael Levine, set designs for *Oedipus Rex*, Canadian Opera Company. The Gallery. Gallery hours: Monday to Friday, 11 a.m. to 4 p.m.

**NEWMAN CENTRE
Here Comes the Lord.**
TO JANUARY 30
Icons and angels and views of the Holy Land. Ground floor. Hours: Monday to Friday, 9 a.m. to 5 p.m.

**JUSTINA M. BARNICKE
GALLERY
HART HOUSE**
TO FEBRUARY 1
Gifts and the Great Wrong Gift.
From the Hart House Permanent Collection. Both Galleries. Gallery hours: Monday to Friday, 11 a.m. to 7 p.m.; Saturday, 1 to 4 p.m.

**GARDINER MUSEUM OF
CERAMIC ART
White on White: Contemporary
Canadian Ceramics.**
TO FEBRUARY 8
Featuring 20 Canadian artists from coast to coast. Main floor. Hours: Monday to Saturday, 10 a.m. to 5 p.m.; Tuesday, to 8 p.m.; Sunday, 11 a.m. to 5 p.m.

**UNIVERSITY OF TORONTO
AT MISSISSAUGA
Art of Portraiture.**
JANUARY 19 TO FEBRUARY 27
Work of eight contemporary artists using various media. Blackwood Gallery, Kanef Centre. Gallery hours: Sunday to Friday, 1 to 4 p.m.

**VICTORIA UNIVERSITY
Ephemera from the
Age of Victoria.**
TO MARCH 1
Printed and manuscript artifacts from the collection of Barbara Rusch. E.J. Pratt Library. Hours: Monday to Friday, 9 a.m. to 6 p.m.; Saturday and Sunday, 1 to 5 p.m.

**UNIVERSITY OF TORONTO
ART CENTRE
Richard Gorman:
Recent Watercolours.**
TO MARCH 27
Highlights recent gifts. Alcove space.

Problem Pictures.

TO MARCH 27
Selections from permanent collections; explores problems inherent in any collection: provenance, authenticity, attribution. Boardroom space. Hours: Tuesday and Friday, 11 a.m. to 4 p.m.; Wednesday and Thursday, 11 a.m. to 7 p.m.; Saturday, 12 noon to 4 p.m.

MISCELLANY

Career Planning in the 1990s.
WEDNESDAYS, JANUARY 21 TO
FEBRUARY 4

Workshops are designed to enhance career planning using the most up-to-date tools and proven techniques available for career development in the changing workplace of the 1990s. Staff Development Resource Centre, 2nd floor, 563 Spadina Ave. 12 noon to 2 p.m. Information: Thomas Nash, 978-7573; registration: Liz Csiha, 978-6496.

Beyond Coming Out.

TUESDAYS, JANUARY 27 TO
MARCH 31
Counselling and support group for lesbian, gay and bisexual students, focusing on relationships. Other topics include community, culture, homophobia and self-image. 3 to 5 p.m. Information: 978-7970. *Counselling & Learning Skills Service*

Planning Your Financial Future.

WEDNESDAY, JANUARY 28
Information evening on tax deferrals, income-splitting opportunities, RRSPs and RRIFs. Council Chamber, South Building, Erindale College. 7 p.m. Reservations: (905) 828-5454.

Alzheimer's Disease and Caregiving.

THURSDAY, JANUARY 29
An informative discussion led by Andrew Ignatieff of the Alzheimer Society of Metropolitan Toronto on Alzheimer's disease, developments in treatment, community resources and coping with the challenge of caregiving. 12 noon. 231 Koffler Students Services Centre. Information: 978-0951.

The Non-Profit Sector in the U.S.: Challenges and Prospects.

FRIDAY, JANUARY 30
Prof. Harvey Dale, New York University; Charities: Between State and Market workshop series. Solarium, Falconer Hall, 84 Queen's Park. 3:30 to 5:30 p.m. *Law and Kabanoff Foundation*

Erasmus' "Miscellaneous Jumble."

FRIDAY, JANUARY 30
Prof. David Galbraith, English; Friday workshop series. 323 Pratt Library, Victoria University. 2 to 4 p.m. *Reformation & Renaissance Studies*



DEADLINES

Please note that information for Events listings must be received in writing at The Bulletin offices, 21 King's College Circle, by the following times:

Issue of February 2, for events taking place Feb. 2 to 16: MONDAY, JANUARY 19.

Issue of February 16, for events taking place Feb. 16 to March 2: MONDAY, FEBRUARY 2.

Issue of March 2, for events taking place March 2 to 23: MONDAY, FEBRUARY 16.

COMMITTEES

REVIEW

KNOWLEDGE MEDIA DESIGN
INSTITUTE

A committee has been established to review the Knowledge Media Design Institute. Members are: Professor Don Cormack, associate dean, Division III, School of Graduate Studies (chair); Professors Barry Wellman, sociology; Graeme Hirst, computer science; Safwat Zaky, electrical and computer engineering; Lawrence Spero, pharmacology; and Angela Hildyard, OISE/UT; and Brenda McPhail, graduate student, Faculty of Information Studies.

The committee would be pleased to receive submissions from interested persons until February 20. Submissions may be sent to Professor Don Cormack at the School of Graduate Studies, 65 St. George St.

ADVISORY

ASSOCIATE DEAN, DIVISION OF SOCIAL
SCIENCES, ERINDALE COLLEGE

An advisory committee has been established to assist Principal Robert McNutt of Erindale College, University of Toronto at Mississauga, to recommend an associate dean of the Division of Social Sciences effective July 1. Members are: Principal Robert McNutt, Erindale College (chair); Professors Marion Blute, sociology, Erindale; Gary Crawford, anthropology, Erindale; Susan Howser, associate dean, Division

II, School of Graduate Studies; Allan Hynes, economics, Erindale; Tom McIlwraith, geography, Erindale; Anthony Wensley, management, Erindale; and David Wolfe, political science, Erindale; and Kathie Hill (secretary).

Nominations and comments regarding this appointment should be sent to Kathie Hill, office of the principal, or to any member of the committee by February 15.

SEARCH

CHAIR, DEPARTMENT OF COMPUTER
SCIENCE

A search committee has been established to recommend a chair of the Department of Computer Science. Members are: Dean Carl Amrhein (chair); Professors Marsha Chechik, Derek Corneil and Ray Reiter, computer science; Tony Bonner, computer science, Erindale; Vassos Hadzilacos, computer science, Scarborough; Don Cormack, associate dean, Division III, School of Graduate Studies; Kent Moore, associate dean, sciences, Faculty of Arts & Science; and Safwat Zaky, electrical and computer engineering; and Fion Lee, undergraduate student, and François Pitt, graduate student computer science.

The committee would appreciate receiving nominations and comments from interested members of the university community. These should be submitted to Dean Carl Amrhein, Room 2020, Sidney Smith Hall.

UNIVERSITY OF TORONTO

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A LIFE WORTH LIVING

A professor reflects on what is important, what is relevant

BY GREG ANDERSON

I SUPPOSE IT'S NOT UNUSUAL FOR THOSE NEARING retirement to begin wondering what they have achieved and whether it has all been worthwhile in some larger sense. While I am hardly immune to such doubts, I find that a life as a university professor leads to a certain sense of satisfaction in having contributed to something of lasting value. So much of modern daily life seems so unutterably superficial. What is it about my experience that makes it seem more lasting?

The academic life is widely misunderstood. The nerdy professor wasting his life amassing knowledge of no use to anyone is a firmly established stereotype, but nothing could be further from my own experience. A life of scholarship seems to me a life of constant intellectual excitement, of getting up each day impatient to get back to solving the current research problem. But is this research, whether into subatomic particles, how earthquakes happen, Greek philosophy or modern languages, truly relevant to the concerns of daily life? It depends on what you think is important.

I HAVE BEEN AN ACADEMIC FOR A LONG TIME, BUT not forever. I've had many jobs in the "real world," including hard manual labour, so I think I know something of life beyond the Ivory Tower. I recall one time working as an exploration geologist in northern Quebec, checking out mineral occurrences found by prospectors. Each prospect presented fascinating geological problems that cried out for further investigation but there was no time or budget for that. My colleagues, I found, were all less interested in these problems than in the price of copper and whether a new smelter would be built nearby. I had zero interest in the price of copper and decided on further graduate study, which led by stages to a life as a professor and discovery of the joy of independent, curiosity-driven research. The excitement and the value of research seems to be a hard concept to communicate to others unless it results in transistors or penicillin.

I long ago learned to be cautious in explaining my work to non-academics because I found I had a totally different idea of what was important in life and what was trivial. It seemed to me that however exciting the action in the marketplace of daily life (and particularly the price of copper) might be, knowledge of these events had no fundamental meaning or importance to me, whereas for others it was the *only* thing truly of value. They thought that whether the price of commodities or stocks was going up or down was quite important because it affected their incomes — and what could possibly be more important than that? I learned not to argue with them: but it seemed to me that finding out fundamental truths about the universe and the planet we live on was more interesting, and more important. I was delighted when I found that Northrop Frye had often expressed exactly that thought. Although he concentrates more on society than on nature, the idea expressed is the same:

"There are two forms of society..., the temporary and transient appearance of society which comes to us through newspapers and television, and the real structure of society which is revealed through the arts and sciences. Education should, therefore, be defined as the encounter with real life, whereas the world which involves us as citizens and taxpayers and readers of papers and people with jobs is not real life but a dissolving phantasmagoria."

Scholars in the humanities and the sciences concentrate on "the real structure of society," and of the natural world, and it has always seemed to me the mark of a civilized and enlightened society that it spend a small fraction of its wealth supporting a few such scholars. It is, of course, a great privilege to be among the few entrusted with this task. We are granted "academic freedom," protected by tenure, and provided a decent income for life. Tenure is often defended by saying that we need to have the freedom to say unpopular things, for

example against the government. In practice, however, this is needed but rarely. What tenure really gives us is the freedom to pursue whatever line of research we wish and for as long as we wish (or at least as long as we can get funded for it). That freedom has largely resulted in scholarship and science as we know it today. If tenure had not been invented, then no matter what kind of benevolent master you and your colleagues worked for, your line of research would depend ultimately on his needs — or more particularly his business interests. And while the applied research conducted and supported by industry has had its many successes, there is no substitute for individual, independent, peer-evaluated research in the advancement of human knowledge.

QUITE APART FROM
SOLVING IMPORTANT PROBLEMS,
LIFE IS ENRICHED BY
HAVING A BROADER HORIZON

There is, however, nothing much we can do to change the prevailing view that most of the important things in life are connected to making money, gaining power and becoming famous but we can perhaps have some effect on the young people who come here — if only in having them find out how difficult it is to know anything with absolute certainty and hence encouraging them to think twice about the easy answers to life's problems. I know university students are commonly asked by their relatives why they take courses in English literature or history if they can't find a job with that knowledge. Politicians, too, ask university educators to concentrate on teaching relevant or useful courses. The



misunderstanding reflects deep confusion over what is real and what is trivial.

Society's problems call for deep understanding, not for quick fixes based on widespread myths or superficial analysis. And the problems are getting more and more complex. To take only one example, I sincerely hope that the ethical and moral problems posed by genetic engineering in the years to come will be considered by people with some knowledge of moral philosophy, history and science and not by ideologues who "know the truth." Quite apart from solving important problems, it is evident to anyone who has the benefit of a university education that life is enriched by having a broader horizon. How can studying literature or history fail to enrich your appreciation and understanding of books you may read or experiences you may have in later life?

Of course my special interest in this community of scholars has been in science. I have come to believe, with many others, that science is the surest method yet devised to get at the truth, albeit a truth rather limited in scope. Although some disagree (is there any non-trivial subject having universal agreement?) scientists firmly believe that they are dealing with an underlying reality, with unchanging laws that can be discovered. If Michael Faraday had died as a child someone else would have discovered the laws of electromagnetism and we would still produce electricity the same way we do today.

Those of us in the field of geology study ore deposits in the Earth's crust that were formed by processes controlled by chemical, physical and mechanical principles now largely known to us: principles that can not only be used to find other ore deposits but which can also be used to reconstruct what must have happened millions of years ago and thus help to understand how our planet has evolved.

The process of doing this, or doing any science, involves human creativity and imagination comparable to any artistic endeavour. Unfortunately, it seems, it also involves a familiarity with mathematics and other disciplines that apparently close its wonders and its excitement to many students. The fact that science is a proven method for finding out how the universe works seems not to fascinate many young people the way it fascinated me and my colleagues.

BUT PRESUMABLY YOU DON'T HAVE TO DO SCIENCE TO understand what it is. In the coming years it will be more and more important for our citizens and our leaders to have some understanding of what science is and what it is not. In fact, it will be more and more important to have citizens who, no matter what they do for a living, have had a period in their lives when they thought deeply about what is good, what is true, what happened in the past and what it means for us, what is science, and why does it work, what is the "real structure of society" and the real nature of the universe. In other words, a period when they had an encounter with something other than "real life." Where better to do this than in a university where people spend their lives advancing our understanding of ourselves, our societies and our surroundings?

As Nobel laureate for physics Steven Weinberg once said, "The effort to understand the universe is one of the very few things that lifts human life a little above the level of a farce and gives it some of the grace of tragedy." My science background notwithstanding, I would suggest that our efforts to "understand the universe" include not just science but many and various disciplines — in fact, just about all those to be found in university faculties. Surrounding oneself with this spectrum of human knowledge and curiosity is indeed a satisfying way to spend a life. I like to think that it has allowed me to contribute in a small way to enlarging our collective understanding.

Greg Anderson is a professor in the Department of Geology. He retires this summer.